

JOHN AUERBACH COMMISSIONER

The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

12/23/10

Melissa Brooks Assistant District Attorney, Suffolk County

Dear ADA Brooks,

Enclosed are copies of the information you requested regarding sample numbers in the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Curriculum Vitae for Daniela Frasca and Kate A. Corbett.
- 3. Control Cards with analytical results for sample numbers and
- 4. Analysis notation forms for sample number and control card hand written notations for sample number
- 5. GC-MS raw data sheets for sample number

GC-MS confirmatory testing was performed by Kate A. Corbett. All other testing was performed by Daniela Frasca. If you have any questions or concerns about these facts, please contact me at the number below.

Sincerely,

Daniela Frasca Chemist II Drug Analysis Lab Jamaica Plain, MA 02130 (617) 983-6631



CC #			 THE TYPE WAR AND THE	
воок#_	149	 		
PAGE #_	/3			
DECTOU	W. 1401T			

DRUG RECEIPT		PAGE # /3				
	DI	ESTRUCTION #				
District/Unit	J. J.(O YNE	ID#/095	52		
DEFENDANT'S NAME	Αſ	DDRESS	CITY	STATE		
			PoxBury	МА		
	*************************************		LAB US	E ONLY		
DESCRIPTION OF ITEMS SUBMITTED		GROSS QUANTITY	GROSS WEIGHT	ANALYSIS NUMBER		
COCAINE		13 13 pacs	17.04a			
MARYLMA		7/ P/B'S	1236.0g	_		
	MACALLA					
	1/10/1000			***************************************		
		,				
,						
		·				
To be completed by ECU personnel only						
Name and Rank of Submitting Officer	bit le	1/40	ID#	29		
Received by			Date 7-	16-10		

BPD Form 0038-BIS-0907 (prev. 1753)

®:=%∰%=31

ECU Control #

Daniela Frasca

Education

Boston University School of Medicine, Boston MA

Currently enrolled in the Biomedical Forensic Science MS Program.

Suffolk University, Boston, MA

Graduated in 05/1996 and received a Bachelor of Science in Biochemistry

EXPERIENCE

Massachusetts State Laboratory Institute/DPH, Jamaica Plain, MA 01/2001 – present Drug Laboratory: Chemist II

- Analysis of all substances by chemical screening, microscopy, and instrument confirmation to determine the presence of drugs for law enforcement agencies in the Commonwealth of Massachusetts.
- Appointed assistant analyst on January 29, 2001 by the Assistant Commissioner of DPH
- Completed four weeks of training in drug analysis under the supervision of senior chemists.

Quest Diagnostics Incorporated, Cambridge, MA

09/1996 - 10/2001

Department of Toxicology: Medical Technologist I

- Handles comprehensive toxic analysis, therapeutic drug monitoring, forensic drug screening, and compound ID's of biohazard samples utilizing standard operating procedures in clinical toxicology.
- · Entered data and interpreted results for reporting
- QC/QA of multiple analytical instrumentation as well as maintenance
- Completed 60 days of training under the supervision of doctorate level toxicologists.

Additional Training

Northeastern Association of Forensic Scientists

Designer Drugs

Clandestine labs

Agilent Instruments and Software

Digital Photography

McCrone Research Institute

Forensic Polarized Microscopy

Polarized Microscopy of Illicit Drugs and Excipients

Massachusetts State Laboratory Institute

Expert Witness

Raman Spectrophotometer

Associations and Programs

•	Northeastern Association of Forensic Scientists (NEAFS)	2001 - present
•	The International Association of Forensic Toxicologists (TIAFT)	2003 - present
	The International Association of Therapeutic Drug Monitoring	2003 - present
	And Clinical Toxicology (IATDMCT)	
	Massachusetts State Science Fair Judge	2000 - present
	Middle School State Science Fair Judge	2006 - present
•	Volunteer Science Project Mentor/Tutor	2003 - present
	for the TTT Mentor Program	· -

Curriculum Vitae

Kate A. Corbett

Education

Bachelor of Science Degree, CHEMISTRY May 2003 MERRIMACK COLLEGE

Coursework included: Organic Chemistry, Inorganic Chemistry, Quantitative Analysis, Instrumental Analysis, Physical Chemistry, Physics, Calculus

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2005-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation for the purpose of performing forensic drug analysis
- Successfully completed an eight week training course in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed an assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate (September 2003 – August 2005)

SENSOR TECHNOLOGIES, INC - Shrewsbury, MA

- Prepared chemistries used in making sensor beads
- > Generated and examined sensors employing fluorescence spectroscopy
- Performed protein, dye and sugar assays using UV/VIS spectrophotometry
- > Carried out titrations on ricin using fluorescence correlation spectroscopy
- Statistical analysis of experimental data

Intern (March 2003 – August 2003)

MASSACHUSETTS STATE POLICE CRIME LABORATORY - Sudbury, MA

- Assisted in the gathering of case files to fulfill the National Institute of Justice's No Suspect Backlog Reduction Grant
- Observed in the Evidence, Criminalistics, DNA, Drug, Trace, Toxicology, and Bomb/Arson Units

Date Analyzed: City: Boston D.C.U. Police Dept. Officer: P.O. SYBIL WHITE Def: Amount: Subst: SUB No. Cont: Cont: pb 13 Date Rec'd: 07/16/2010 No. Analyzed: 6 Gross Wt.: 17.04 Net Weight: 11.679 Findings: No. Date Analyzed: City: Boston D.C.U. Police Dept. JUL 26 2010 Officer: P.O. SYBIL WHITE 64 Def Amount. Subst: VM No. Cont: 71 Cont: pb Date Rec'd: 07/16/2010 No. Analyzed: / Gross Wt.: 1236.00 Net Weight:

Findings:

Prelim:

• •				
DRUG POWDER ANALY	YSIS FORM	and the second second		
SAMPLE #	GENCY Bosk	MALYS	T DR	•
HYSICAL DESCRIPTION:	P13/5 In	P13's	Ev. W	NOK
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6 Med	1+ + blue		•	
6 601d		13 by 6	had Non	Mot 679)

PRELIMINARY TEST RESULTS

RESULTS COGNE

6 TLTA+

DATE 7/21/10

GC/MS CONFIRMATORY TEST

RESULTS OCAME

MS
OPERATOR PLINSN MS! ICHC

DATE 7/28/10

Samo	ole #:							(*976) +
	nples tested:	6						0 * 5 (3 5 4) 1 * (4 5 5 4
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2	1,0425		0.9701	25/2	- 3,8			969395 \$
3	1.0028	$-\sqrt{-}$	0.9035	28	56			
4	1.1527		1.0495_	29	3/	• •		967315 X
5	0.5579		0.5049	30		*		
6	0.5944		0.5313	3	- 1.6			6414213
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Date Analyzed:

City: Boston D.C.U. Police Dept.

Officer: P.O. SYBIL WHITE

JUL 26 2010

Subst: VM

6 m Def.

No. Cont:

Cont: pb

Date Rec'd: 07/16/2010

Gross Wt.:

1236.00

No. Analyzed: /

Net Weight: 4 4 8.99

Prelim:

Findings:

Corbett_email_PRR_023236

Area Percent / Library Search Report

19/91/10 NKNC

Information from Data File:

File Name : F:\Q3-2010\System7\07_27_10\733480.D

Operator : KAC

Date Acquired : 28 Jul 2010 2:26

Sample Name : B:

: BLANK

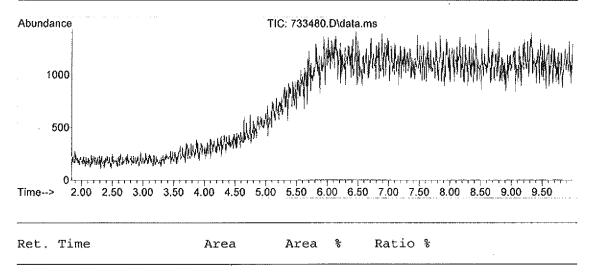
Submitted by

Vial Number

AcquisitionMeth: DRUGS.M

Integrator

: RTE



NO INTEGRATED PEAKS

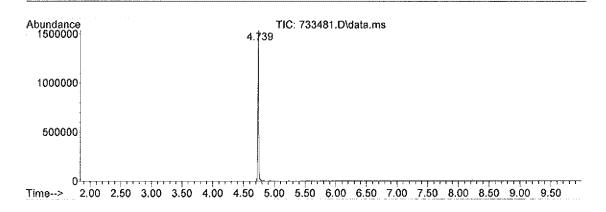
File Name : F:\Q3-2010\System7\07_27_10\733481.D

Operator : KAC
Date Acquired : 28 Jul 2010

Sample Name : COCAINE STD

Submitted by

Vial Number 81 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.739	1466031	100.00	100.00

File Name : F:\Q3-2010\System7\07_27_10\733481.D

Operator : KAC

Date Acquired : 28 Jul 2010 2:39

Sample Name : COCAINE STD

Submitted by

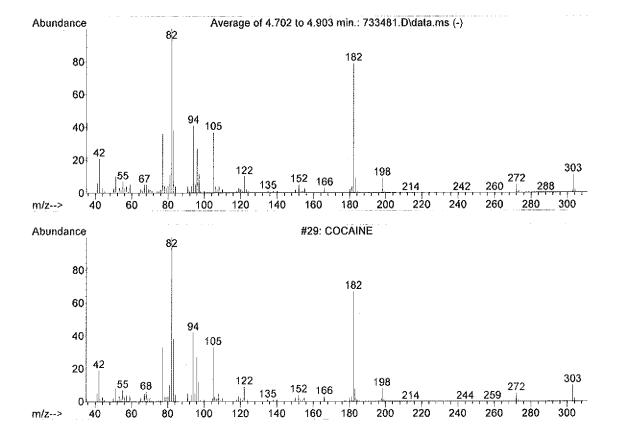
Vial Number : 81 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	4.74	C:\Database\SLI.L	000050-36-2	99

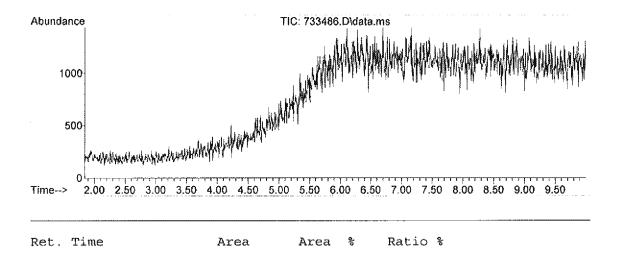


File Name : F:\Q3-2010\System7\07_27_10\733486.D

Operator : KAC

Date Acquired : 28 Jul 2010 3:42

Sample Name : BLANK
Submitted by : DXF
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



NO INTEGRATED PEAKS

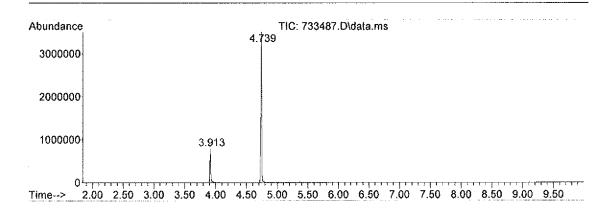
File Name : F:\Q3-2010\System7\07_27_10\733487.D

Operator : KAC

Date Acquired : 28 Jul 2010 3:54

Sample Name :

Submitted by : DXF
Vial Number : 87
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.913	833354	19.65	24.46	
4.739	3406905	80.35	100.00	

File Name : F:\Q3-2010\System7\07_27_10\733487.D

Operator : KAC

Date Acquired : 28 Jul 2010 3:54

Sample Name :

Submitted by : DXF Vial Number : 87 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

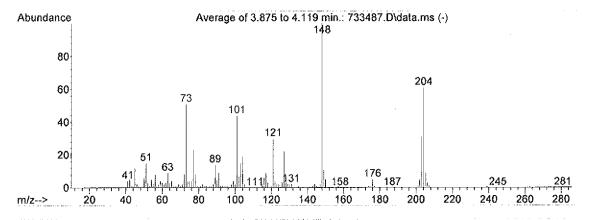
C:\Database\NIST05a.L

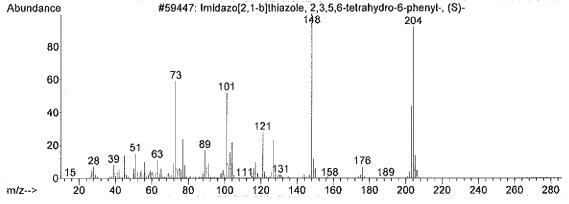
C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

1 3.91 C:\Database\NISTO5a.L

Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4 99
Imidazo[2,1-b]thiazole, 2,3,5,6-tet 014769-73-4 98
Imidazo[2,1-b]thiazole, 2,3,5,6-tet 006649-23-6 98





File Name : F:\Q3-2010\System7\07 27 10\733487.D

Operator KAC

Date Acquired 28 Jul 2010 3:54

Sample Name

Submitted by Vial Number 87 AcquisitionMeth: DRUGS.M Integrator : RTE

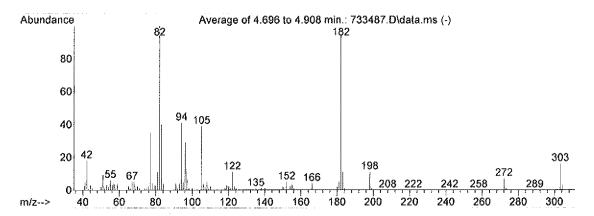
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

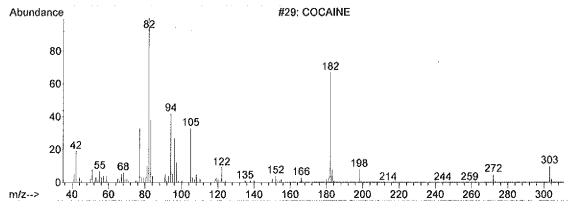
C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK# RTLibrary/ID CAS# Qual

2 4.74 C:\Database\SLI.L COCAINE 000050-36-2





99

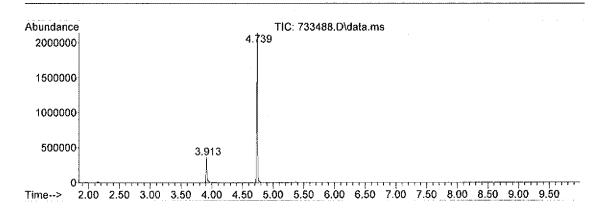
File Name : $F:\Q3-2010\System7\07_27_10\733488.D$

Operator : KAC

Date Acquired : 28 Jul 2010 4:07

Sample Name

Submitted by : DXF Vial Number : 88 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.913 4.739		16.38 83.62		

: $F: Q3-2010 \S stem7 \ 07 \ 27 \ 10 \ 733488.D$ File Name

Operator : KAC

4:07 Date Acquired 28 Jul 2010

Sample Name

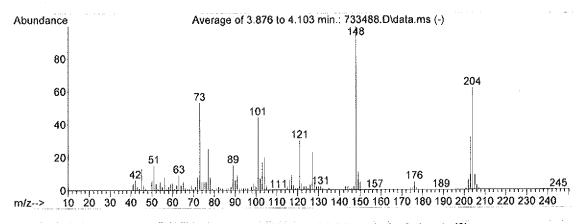
Submitted by DXF Vial Number 88 AcquisitionMeth: DRUGS.M Integrator : RTE

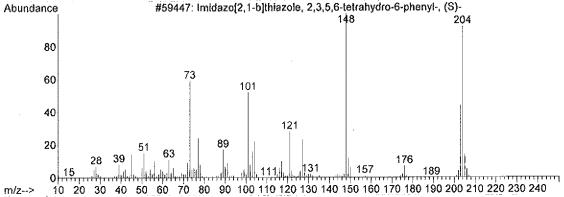
Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	3.91	C:\Database\NIST05a.L		4	
~	0	Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	98
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98





File Name : F:\Q3-2010\System7\07 27 10\733488.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:07

Sample Name :

Submitted by : DXF Vial Number : 88 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

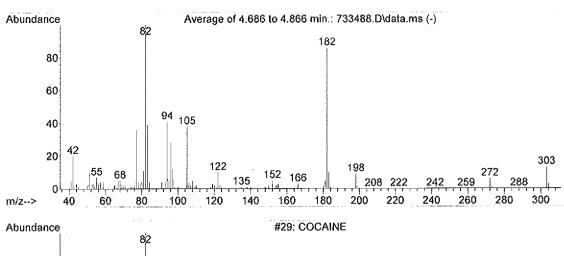
PK# RT Library/ID CAS# Qual

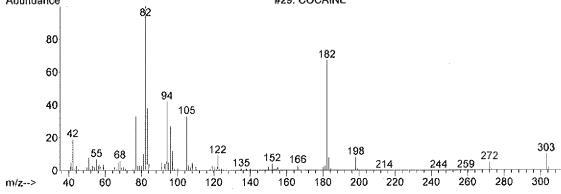
2 4.74 C:\Database\SLI.L

COCAINE

000050-36-2

99





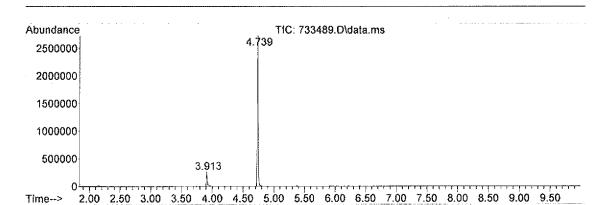
File Name : F:\Q3-2010\System7\07_27_10\733489.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:20

Sample Name Submitted by

: DXF Vial Number 89 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.913 4.739			12.37 100.00	

File Name : F:\Q3-2010\System7\07 27 10\733489.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:20

Sample Name :

Submitted by : DXF
Vial Number : 89
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

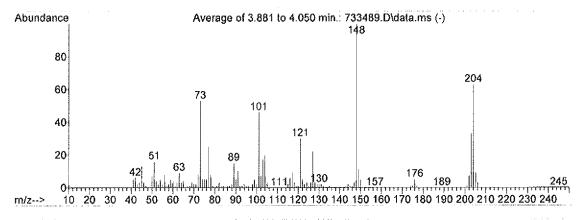
Minimum Quality: 80

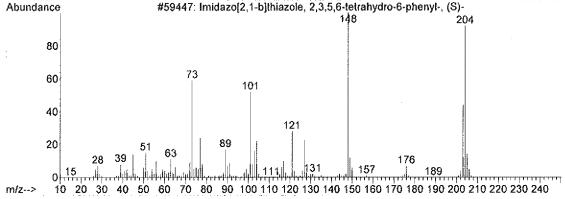
C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	3.91	C:\Database\NIST05a.L			
		<pre>Imidazo(2,1-b)thiazole,</pre>	2,3,5,6-tet	014769-73-4	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	014769-73-4	97





File Name : F:\Q3-2010\System7\07_27_10\733489.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:20

Sample Name

Submitted by : DXF Vial Number : 89 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries:

C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK# RT

Library/ID

CAS#

Qual

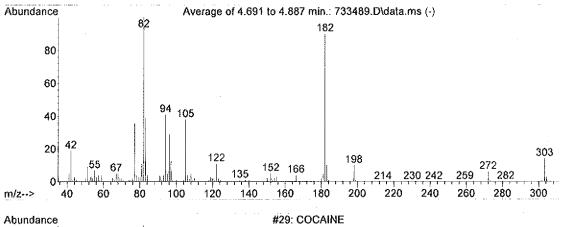
2 4.74

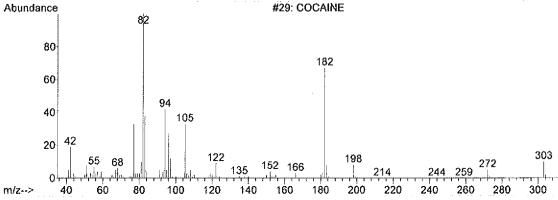
C:\Database\SLI.L

COCAINE

000050-36-2

99



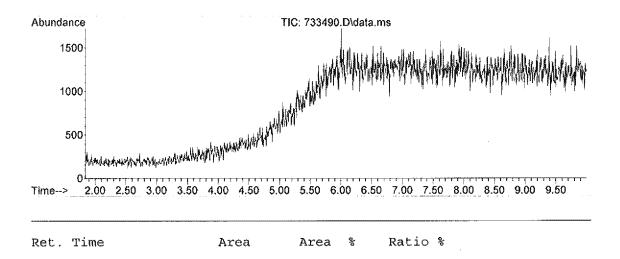


File Name : F:\Q3-2010\System7\07_27_10\733490.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:32

Sample Name : BLANK
Submitted by : DXF
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : RTE



NO INTEGRATED PEAKS

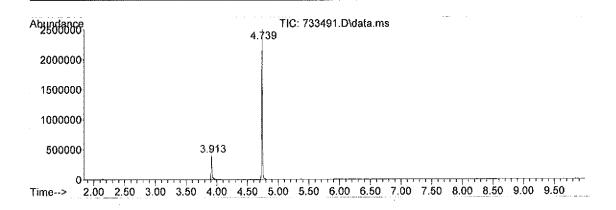
File Name : F:\Q3-2010\System7\07_27_10\733491.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:45

Sample Name :

Submitted by : DXF
Vial Number : 91
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.913 4.739	466102 2291776		20.34 100.00	

File Name : F:\Q3-2010\System7\07_27_10\733491.D

Operator KAC

Date Acquired 28 Jul 2010 4:45

Sample Name

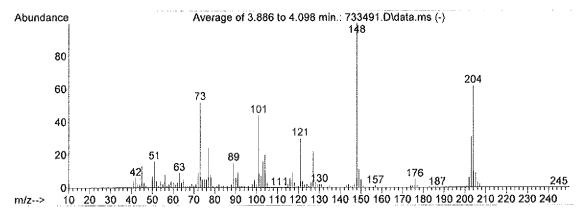
Submitted by DXF Vial Number 91 AcquisitionMeth: DRUGS.M Integrator : RTE

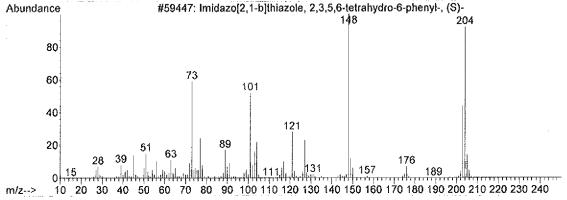
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	3.91	C:\Database\NIST05a.L			
		<pre>Imidazo[2,1-b]thiazole,</pre>			98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	006649-23-6	98





File Name : $F: Q3-2010 \System7 \ 07_27_10 \ 733491.D$

: KAC Operator

Date Acquired 28 Jul 2010 4:45

Sample Name

Submitted by DXF Vial Number 91 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

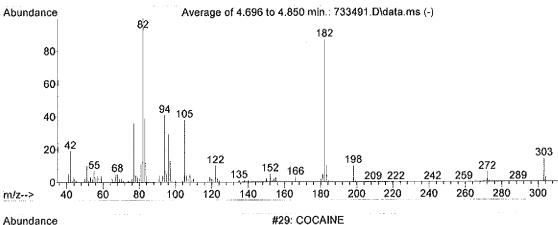
C:\Database\PMW TOX2.L

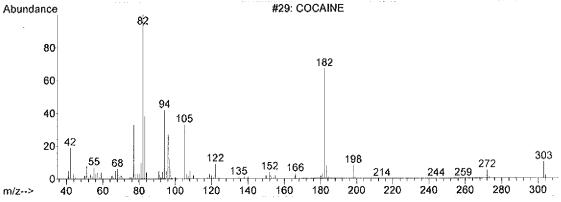
PK# CAS# RTLibrary/ID Qual

4.74 C:\Database\SLI.L 2 COCAINE

000050-36-2

99





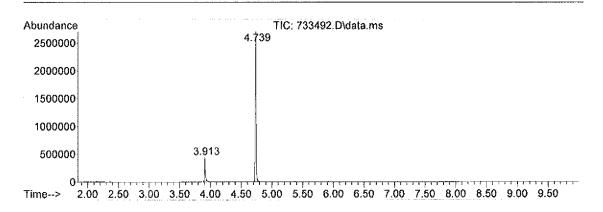
File Name : F:\Q3-2010\System7\07_27_10\733492.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:58

Sample Name :

Submitted by : DXF
Vial Number : 92
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
3.913 4.739		16.70 83.30	20.05 100.00	

File Name F:\Q3-2010\System7\07 27 10\733492.D :

Operator KAÇ

Date Acquired 28 Jul 2010 4:58

Sample Name

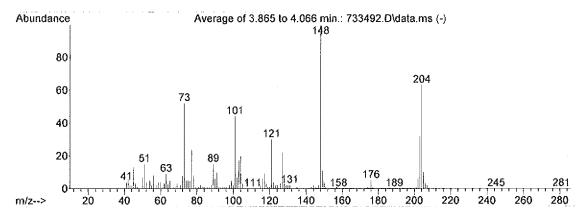
Submitted by DXF Vial Number 92 AcquisitionMeth: DRUGS.M Integrator : RTE

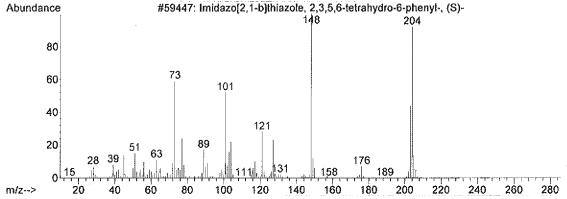
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK#	RT	Library/ID		CAS#	Qual
1	3.91	C:\Database\NIST05a.L Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole, Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98 98 98





File Name : F:\Q3-2010\System7\07 27 10\733492.D

Operator : KAC

Date Acquired : 28 Jul 2010 4:58

Sample Name :

Submitted by : DXF
Vial Number : 92
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

CAS#

C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK# RT Library/ID

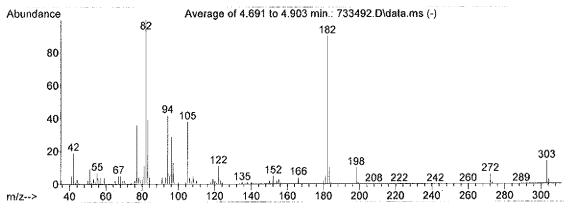
Qual

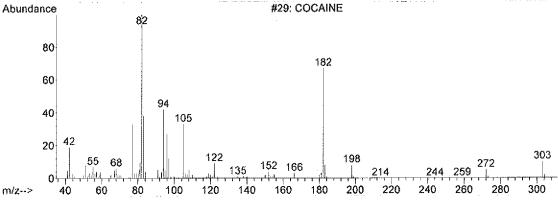
2 4.74 C:\Database\SLI.L

COCAINE

000050-36-2 99

-





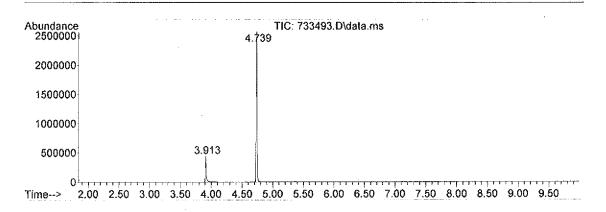
File Name : F:\Q3-2010\System7\07_27_10\733493.D

Operator : KAC

Date Acquired : 28 Jul 2010 5:10

Sample Name :

Submitted by : DXF
Vial Number : 93
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.913	495423	17.25	
4.739	2376040	82.75	

File Name : F:\Q3-2010\System7\07_27_10\733493.D

Operator : KAC

Date Acquired : 28 Jul 2010 5:10

Sample Ñame

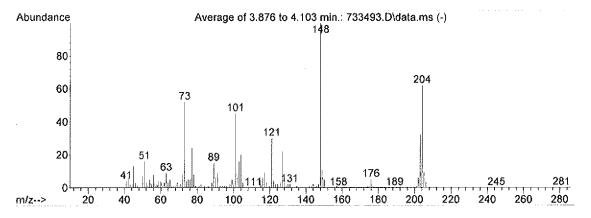
Submitted by : DXF
Vial Number : 93
AcquisitionMeth: DRUGS.M
Integrator : RTE

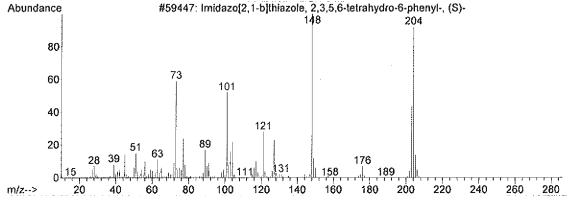
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

PK# RT		RT Library/ID			Qual	
1	3.91	C:\Database\NIST05a.L				
		<pre>Imidazo[2,1-b]thiazole,</pre>	2,3,5,6-tet	014769-73-4	98	
		Imidazo[2,1-b]thiazole,	2,3,5,6-tet	006649-23-6	98	
		Tmidago[2 1-h]thiagole	2 3 5 6-+0+	006649-23-6	QΩ	





Minimum Quality: 80

File Name : F:\Q3-2010\System7\07 27 10\733493.D

Operator : KAC

Date Acquired 28 Jul 2010 5:10

Sample Name

DXF Submitted by Vial Number 93 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW_TOX2.L

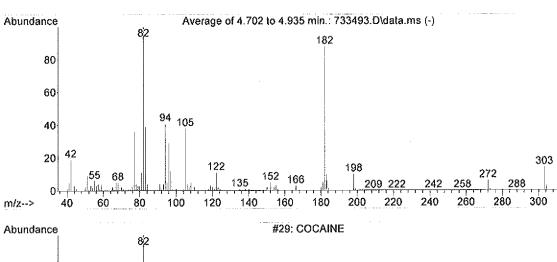
Library/ID CAS# PK# RT Qual

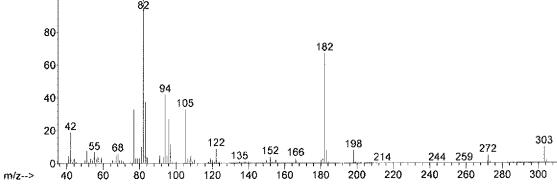
C:\Database\SLI.L 2 4.74

COCAINE

000050-36-2

99





File Name : F:\Q3-2010\System7\07_27_10\733495.D

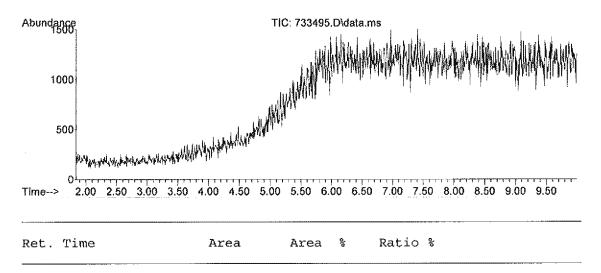
Operator : KAC

Date Acquired : 28 Jul 2010 5:35

Sample Name : BLANK

Submitted by :

Vial Number : 2 AcquisitionMeth: DRUGS.M Integrator : RTE



NO INTEGRATED PEAKS

File Name : F:\Q3-2010\System7\07_27_10\733496.D

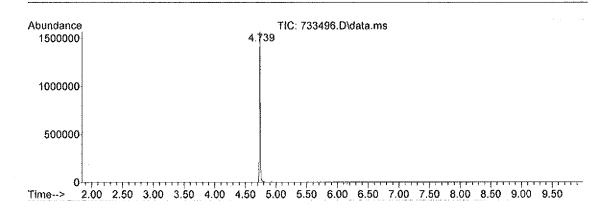
Operator : KAC

Date Acquired : 28 Jul 2010 5:48

Sample Name : COCAINE STD

Submitted by :

Vial Number : 96 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.739	1529771	100.00	100.00

File Name : F:\Q3-2010\System7\07_27_10\733496.D

Operator : KAC

Date Acquired : 28 Jul 2010 5:48

Sample Name : COCAINE STD

Submitted by :

Vial Number : 96 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW_TOX2.L

PK# RT Library/ID CAS# Qual

1 4.74 C:\Database\SLI.L COCAINE 000050-36-2 99

